

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

531,320

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Applicant's or agent's file reference P04589000	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/JP 2004 / 000559	International filing date (day/month/year) 22.01.2004	Priority date (day/month/year) 22.01.2003
International Patent Classification (IPC) or national classification and IPC Int.Cl. ' G02B 1/10, G02B 5/30, B32B 27/30		
Applicant FUJI PHOTO FILM CO., LTD		

1.	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2.	This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.
3.	This report is also accompanied by ANNEXES, comprising: <div style="margin-left: 20px;"> a. <input type="checkbox"/> a total of _____ sheets, as follows: <div style="margin-left: 20px;"> <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. </div> </div> <div style="margin-left: 20px;"> b. <input type="checkbox"/> a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). </div>
4.	This report contains indications relating to the following items: <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application </div>

Date of submission of the demand <div style="text-align: center;">03.06.2004</div>	Date of completion of this report <div style="text-align: center;">01.12.2004</div>
Name and mailing address of the IPEA/JP <div style="text-align: center;">Japan Patent Office</div> <div style="text-align: center;">3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan</div>	Authorized officer <div style="text-align: center;">ISAMU WATANABE</div> <div style="text-align: center;">Telephone No. +81-3-3581-1101 Ext. 3270</div>

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP 2004 / 000559

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages* _____ as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	<u>1-12</u>	YES
	Claims	<u>None</u>	NO
Inventive step (IS)	Claims	<u>None</u>	YES
	Claims	<u>1-12</u>	NO
Industrial applicability (IA)	Claims	<u>1-12</u>	YES
	Claims	<u>None</u>	NO

2. Citations and explanations (Rule 70.7)

The following documents have been considered for the purpose of this report:

D1 = US 2002/0085284 A1 (Kazuhiro Nakamura), 2002.07.04

D2 = US 2002/0187324 A1 (LINTEC CORPORATION), 2002.12.12

D3 = JP 2001-51610 A (MITSUBISHI KAGAKU CO., LTD), 2001.02.23

D4 = WO 01/81466 A1 (DSM N.V. & JSR CORPORATION & JAPAN FINE COATINGS CO., LTD), 2001.11.01

Claim 1-12

The subject matter of claim 1 does not appear to involve an inventive step in view of the document 1 (D1) cited in the ISR and the document 2-4 (D2-4) cited in the same.

The D1 is considered to represent the closest prior art for the subject matter of claim 1. D1 discloses that an antireflection film comprising a transparent support, at least one hard coat layer and low refractive index layer, in this order, wherein the hard coat layer includes a polymerized product of a polyfunctional acrylate monomer having no oxide adduct.

D2-D4 disclose that the hard coat layer includes a polymerized product of an ethylene oxide or propylene oxide adduct of a polyfunctional acrylate monomer and a polyfunctional acrylate monomer having no oxide adduct.

Technical features the hard coat layer and the hard coat layer, disclosed in D1 and D2-4 respectively, have the same function and are related to similar technical fields. Therefore, the skilled person in the art would easily conceive the idea of substituting the feature of the hard coat layer in D2-4 for the feature of the hard coat layer disclosed in D1.

The technical features which are suggested by claims 2-4 respectively are disclosed in D2 or D3.

The technical features which are suggested by claims 5-12 respectively are disclosed in D1.